

INTERNATIONAL SEARCH REPORT

PCT/GB2004/000853

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B62D13/02 B62D13/04 B60D1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B62D B60D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 364 117 A (KEITH PETER G) 15 November 1994 (1994-11-15) column 4, line 66 - column 6, line 29; figures 1-4	1-3,6,7, 9-14, 27-32
Y		5,8,22, 24-26
X	US 5 037 121 A (GALLATIN NORMAN W) 6 August 1991 (1991-08-06) column 6, line 10 - column 7, line 13; figures 3,8,11	1-3,6,7, 9-14, 27-32
Y		5,8,22, 24-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

2 June 2004

Date of mailing of the international search report

14/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 158 759 A (PERRY DUANE L) 12 December 2000 (2000-12-12) column 3, line 26 - column 4, line 10; figures 1,2 -----	1,2,4,6, 9,23,27, 28
Y	US 1 668 079 A (IRWIN CHARLES G) 1 May 1928 (1928-05-01) figures 3,4 -----	24
Y	FR 1 229 355 A (ANCIENS ETABLISSEMENTS GRISIER) 6 September 1960 (1960-09-06) the whole document -----	5,8
Y	DE 19 32 268 A (BOSCHUNG FA M) 8 January 1970 (1970-01-08) figures 3,4 -----	22
Y	FR 979 854 A (CHARLES-ANDRÉ NOYELLE) 4 May 1951 (1951-05-04) page 1, right-hand column, lines 37-40; figures 1-4 -----	25,26

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/000853

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5364117	A	15-11-1994	AU 7454994 A	28-02-1995
			CA 2129684 A1	11-02-1995
			CA 2129685 A1	11-02-1995
			WO 9504668 A1	16-02-1995
US 5037121	A	06-08-1991	NONE	
US 6158759	A	12-12-2000	NONE	
US 1668079	A	01-05-1928	NONE	
FR 1229355	A	06-09-1960	NONE	
DE 1932268	A	08-01-1970	CH 493359 A	15-07-1970
			AT 298255 B	25-04-1972
			CS 150982 B2	17-09-1973
			DE 1932268 A1	08-01-1970
			ES 369071 A1	16-05-1971
			FR 1598514 A	06-07-1970
FR 979854	A	04-05-1951	NONE	